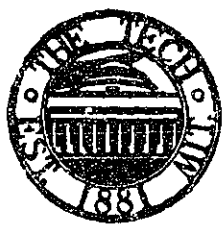


The Tech



OFFICIAL NEWSPAPER OF THE UNDERGRADUATES OF MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LXXIV. NO. 31

CAMBRIDGE, MASSACHUSETTS, FRIDAY, OCTOBER 8, 1954

5 CENTS

DormCon To Hold Annual Leadership Conference October 23rd And 24th

The Dormitory Council will hold its annual leadership conference on October 23 and 24 at Tech House. Participation in the informal weekend will be confined to members of the three dormitory house committees, Dormitory Judicial Committee, and Dormitory Council. These students plus some fifteen guests will take part in a series of discussions concerning the general philosophical basis both of the dormitory system and of dormitory student government. Specific problems faced by dorm residents and by the committees will also come up for discussion.

Musical Groups At Tech Have A Lot Planned For Them

According to music chairman William J. Neff '55, the various musical groups on campus have a busy season ahead.

The Concert Band's first appearance will be at Vassar on October 23 and 24. This will be followed by concerts at Smith College and at Bradford in November, and at LaSalle in December. President Randall S. Robinson '55 heads a membership of 75.

In addition, the Concert Band has waxed some new LP records, which will be placed on sale in Building 10 next week.

Orchestra

The Tech Symphony Orchestra, conducted by Prof. Klaus Liepmann, first appears with Smith next February, followed by concerts at Mount Holyoke in March and Wellesley in April. There are 40 artists in the group, which has Gilbert S. Karp '56 as its president.

Copeland Commissioned

The famous contemporary American composer, Aaron Copeland, has been commissioned to compose a selection, especially for the orchestra, to be played at the dedication of Kresge Auditorium May 8.

Glee Club

The 75 members of the MIT Glee Club, also directed by Prof. Liepmann, is to sing at Sargent next month. This will be followed by performances with Colby Junior College in December, Simmons in January, Bradford in February, and with LaSalle and Radcliffe in March. In April the Club will sing at Mount Holyoke, and, of course, at Tech Night at the Pops in Symphony Hall in May. Lawrence J. Berman '55 is the club's president.

Most JP Tickets Sold First Day; All Tables Filled

All but 30 of the 618 tickets available for the Junior Prom were sold on Wednesday morning, the first day of the sales. The line started to form in Building 10 at 5:00 p.m. the preceding day, and by 12:30 a.m. there were 80 students waiting in line, mostly fraternity pledges.

Due to the large number of people attending the dance it will be necessary to have an auxiliary ballroom. Places at the 80 tables in the main ballroom were all taken by those who had waited overnight. The only tickets that are not yet sold are being held for Juniors who have not redeemed their options.

The Prom will be held on Friday, October 29, in the Imperial Ballroom of the Hotel Statler. Music will be furnished by the Sauter-Finegan orchestra.

The speakers at the conference will include Dr. James R. Killian, Jr., Dean E. Francis Bowditch, Dean Frederick G. Fassett, Jr., Prof. Herbert A. Shepard and Eldon H. Reiley '55, chairman of Institute Committee. Other invited guests will participate in the panel discussions.

The structure of the conference is built upon the desire to evoke full participation in discussion and to provoke critical thinking on the part of the students present. Each informal talk will be followed by a general question and discussion period of very short length. Then the group will be broken down into subgroups of six for the purpose of discussing in detail questions raised by the speaker and by the general discussion period. At the conclusion of the conference, the questions and opinions voiced within the subgroups will be restated before the entire group.

A conference report containing the full text of the talks and an outline of all the discussions will be prepared and distributed to all participants by the middle of November.

I. D. C. DANCE

On Saturday, October 16, the Informal Dance Committee will present its first dance of the year. It will be held in Walker Memorial, with music supplied by records, from 8:00 to 12:00 p.m. Refreshments and entertainment are included in the \$1.00 admission price.

ASEE Will Meet At Tech Tomorrow To Hold Discussion

How engineering teaching in colleges and universities can meet its new demands as the nation's science and technology progress will be the subject of discussion at a day-long meeting at the Institute tomorrow.

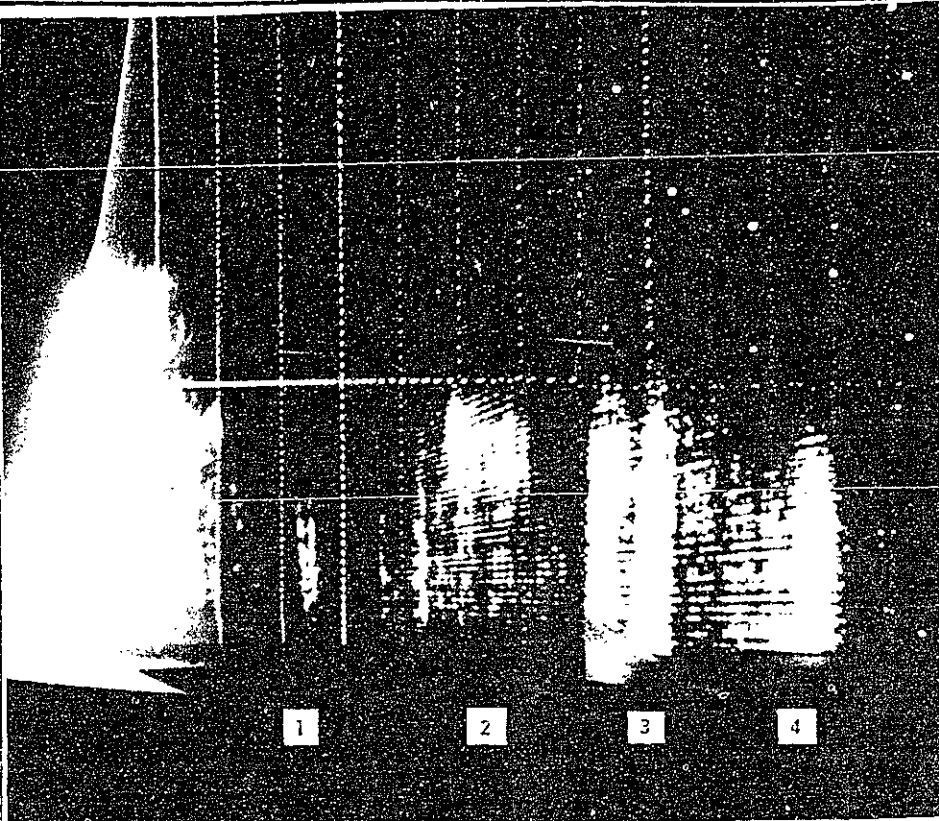
The first of 300 engineering educators and administrators from colleges throughout New England are arriving at M.I.T. tonight to open the annual meeting of the New England Section of the American Society for Engineering Education.

At nine conferences tomorrow morning members of the Society—the only national organization of engineering teachers in the United States—will consider problems of teaching engineering to today's college students.

Tonight the administrative officers of the fifteen engineering schools in the New England Section will meet for their annual informal dinner.

A series of group discussions tomorrow afternoon will be followed by an inspection of the M.I.T. campus, preceding the group's annual dinner at the M.I.T. Faculty Club. Professor Harold E. Edgerton of M.I.T.'s Department of Electrical Engineering—just back from a summer of work with the French diver Jacques Costeau—will report on "Recent Experiences with Underwater Photography in the Mediterranean."

Dean C. Richard Soderberg of M.I.T.'s School of Engineering is chairman of the committee arranging tomorrow's conference at M.I.T. He is assisted by Professors Arthur L. Townsend and William M. Murray, both of the M.I.T. Mechanical Engineering Department.



Composite radar picture, showing a cross-section of Hurricane Edna, taken September 11, and looking (left to right) through four bands of heavy rainfall toward the eye of the hurricane which is out of sight to the right. The rain bands, numbered 1, 2, 3 and 4, were from 20-40 miles thick and up to 28,000 feet in height.

Hurricane Edna Studied By Most Institute Meteorologists

Hurricane Edna, swirling up the Atlantic seaboard on September 11, was photographed by radar from many angles to show what is believed to be the first three-dimensional radar information about a disastrous tropical storm at the height of its fury.

Some of these remarkable photographs show the great storm while it was

Actors Revive "Drama Shop"; Meet Thursday

The Drama Shop, dormant for the past several years, is being reorganized. The group, whose existence dates back as far as 1927, has had a rich history here at the Institute. It has presented such plays as "The Hairy Ape," "The Inspector General," "Dr. Jekyll and Mr. Hyde," and "Ten Nights in a Barroom," and has collaborated with the Staff Players, another dramatics group.

The organizational meeting of the rejuvenated Drama Shop will be held in the Library Lounge, 14E-310, Thursday at 5:00 p.m. Professor Joseph D. Erringham of the Humanities Department, who will supervise the group, has invited all interested stu-

(Continued on page 3)

Republican Club To Hold Smoker Wednesday At 5

An annual smoker for the M.I.T. family will be held by the Young Republican Club on Wednesday, October 13, at 5:00 p.m. in the Library Lounge 14E310. Any person connected with the Institute who is younger than 36 years old is eligible for membership in the club, including students, faculty members, secretaries and research personnel.

The theme of the meeting, like that of this year's Congressional campaign, is promoting the election of Congressmen and Senators who have supported the Eisenhower program. A motion picture from the Citizens for Eisenhower Committee entitled "The Year of the Big Decision" will be shown. This film shows the importance of retaining a congress friendly to the Eisenhower program.

Refreshments will be served.

(Continued on page 6)

TCA-Red Cross Fall Blood Drive To Begin Nov. 1

Technology Christian Association, in conjunction with the Cambridge Red Cross, is holding its Fall Blood Drive from November 1 to 4 in Walker Memorial. Starting next week representatives of T.C.A. will canvass the students and faculty for pledges of blood donations. Donors may also sign up at the T.C.A. office in Walker Memorial.

Anybody in the M.I.T. family—students, faculty, employees—can obtain blood for himself, or his family, from the Red Cross even if they have not donated their own blood. All you have to do is call Mrs. King (ext. 481) in the Infirmary or the Cambridge Red Cross. But if the Red Cross is going to be generous with us—they supplied the Institute with at least 165 pints of blood last year—we must be generous with them. They still have a tremendous need for blood for the Armed Forces, civilian hospital use, and Civil Defense stockpiling.

As President James R. Killian, Jr. said recently, "Both the character of the cause and the magnitude of the need are well known. Our obligation is clear."

F. S. S. P. SMOKER

All internationally-minded students are urged to attend the F.S.S.P. Smoker, Thursday, October 14, in the Student-Faculty Lounge, 2-290. Refreshments will be served, and films of past summer projects will be shown. The speaker will be Professor Paul M. Chalmers of the Admissions Department.

FSSP Arranges Exchange Student Studies At Institute

The Foreign Student Summer Project, which is giving a smoker next week, was organized in 1948 by a group of MIT undergraduates who were concerned with the problem of cultivating the spread of technical knowledge throughout the world. Besides this, the announced aims of the FSSP are to promote greater understanding and sympathy on the part of the people from all lands for the problems and cultures of others, and to induce a greater acquaintance of these people with America, its people, and its ideals.

To implement this program, the FSSP, with funds supplied from various sources, invites technically trained people from all nations to study and do research at the Institute for approximately four months during the summer. Committee-raised funds cover all travel, living, and incidental expenses.

(Continued on page 3)

Election Petitions May Be Obtained From Secretariat

Nomination petitions, for those who desire to be candidates in the Fall elections, will be available Monday.

The Secretariat, located in Litchfield Lounge, Walker Memorial, will provide standard nomination blanks to all candidates. Nominations on any other form shall not be accepted. The signatures of at least ten per cent of the candidates class, and a 3x5 photograph of the candidate, must be submitted with the petition.

The Fall election will be held on Tuesday, November 2.

The Tech

VOL. LXXIV Friday, October 8, 1954 No. 31

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OFFICES OF THE TECH

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Editorial

MEDIOCRITY IN INSTRUCTION

Following the editorial that appeared in these pages last Friday concerning the sad plight of freshman and sophomore instructors at the Institute, we were asked several times just what solutions could be offered to this problem.

It is fairly evident that the Institute cannot be positive of the abilities of an instructor before he is hired; and it is equally certain that the newer instructors cannot be placed in charge of the more advanced courses unless they are exceptionally well versed in their field.

There has been more than one case, however, where a young instructor or graduate student has addressed his freshman or sophomore class in words such as, "I don't care what you learn in this course, just as long as you can cram enough to pass the quizzes." It is such faculty apathy as this that we must combat if we expect the young men that come here to the Institute to retain an interest in the school and in their courses.

Only too often there exists the case of the young teacher who has been out of touch with the fundamentals of his subject for so long that he has forgotten their applications. Too great a reliance on the handbooks has resulted in unfamiliarity with many of the elementary principles, methods and formulae that are essential to complete understanding of the elementary subjects. There have even been cases of instructors in chemistry who have forgotten the applications of the mass-action constants, simply because they have not been used for such a long time.

Of course there are some courses here at school that have successfully combated student apathy and disinterest by providing good instructors for their elementary subjects. For example the Department of Electrical Engineering utilizes the services of Professor Ernst Guillemin, one of the nation's foremost experts on circuit theory, as the sophomore lecturer. However, for each example such as this there are half a dozen courses in which the introductory courses are taught by graduate students, or by the youngest and most inexperienced instructors and professors.

One way of combating this faculty apathy that is so prevalent is to test the ability of the prospective instructor in the laboratory. Here his knowledge of the material to be taught, and in his ability to communicate this knowledge to his students can be evaluated, and, providing a responsible instructor is actually in charge of the laboratory, the inept instructor can do little damage to student morale.

Obviously this is not the perfect solution, since many courses do not offer laboratory courses. Furthermore, this method tends to breed dependence on the more experienced professor on the part of the younger man.

Perhaps another solution to the problem is a more careful screening of applicants for teaching positions. While we do not doubt that the Institute tries to be discriminating in its choice of teachers, the large number of mediocre and even downright poor instructors has convinced us that this screening is often ineffective.

It is also conceivable that higher salaries might lure more promising young men to the school, although the Institute is already very liberal in this field, particularly when the matter of faculty benefits is taken into consideration.

Whatever solution is eventually decided upon, it is becoming more and more evident that some changes will have to be made in order to hold the interest of the underclassmen. Too many of our students have been disappointed and even disgusted by the treatment they receive in their introductory courses, and as a result have left for other schools and occupations.

MORE GRIPES

For a minor complaint, there are the freshmen who are continually griping of the freshman rules. Perhaps they should read the stringent requirements enforced by other colleges. You, too, can wear your pants backwards for three weeks.

the college world

by Everett H. Trop '57

BOSTON UNIVERSITY—Procedure at the new women's dorm: enter; obtain special form; insert in appropriate spaces answers to the questions, "Who are you?" "Whom do you wish to see?" "What is the lady's room number?" and "Remarks"; wait while the harried desk clerk handles the similar requests of about fifty more (at least) young men before your turn arrives; by shouting back and forth amid the general confusion locate your date and wade through the crowds toward the sound of her voice; wilted, if not exhausted, make your escape through the lobby to the open air and take her to a grade B movie; finally, return the girl to the dorm, and vow that you'll go to Simmons next time.

UNIVERSITY OF CONNECTICUT. STORRS—The University suggests that women use more discretion in their dress at fraternity costume parties, and asks that the men do not bring down their mattresses, which they use to create atmosphere.

QUEEN'S UNIVERSITY, KINGS-TON, CANADA—Regulations governing Science frosh are quite severe. They include: brush cuts must be no longer than 0.493 inches; tams are to be worn in the manner of the Scots; slide rules are to be carried at all times; all jackets must be free of letters and crests; blue jeans must be rolled above the knee and white shirts must be worn; one running shoe and one ordinary shoe will be worn; each freshman will buy one sophomore one

after hours

by Anthony C. Turrissi '56
DANCES

Friday, October 8
GARLAND JR. COLLEGE—Friday is "Goof Off Night," so forget the books and get acquainted with these eager girls. Dancing from 8 to 12. 411 Commonwealth Ave.

SIMMONS COLLEGE—Aumnae Hall will be the scene of an upperclass acquaintance dance tonight. Gene Dennis' orchestra will supply the music. Admission to the happy hunting grounds is only two bits!!

Y.W.C.A.—You can go stag or drag for dancing at 77 Temple St., Central Sq. Music will be pumped by Eddie Morelli's orchestra. 90c stag; \$1.50 for couples.

Saturday, October 9
M.I.T.—Don your girl in a grass skirt and a lei, and bring her to the Burton House Hawaiian Dance. Recorded music, amusements, and a Powerful Pineapple Punch will be featured. Admission for Burton House residents is \$1.25; others, \$1.50. Forget the misty Boston weather

beer in return for a receipt; each freshman will give ten cigarettes to sophomores in return for signatures; each freshman is required to have a three-inch "S" painted below each kneecap; the Science frosh button must be worn.

Mobs of rioting freshmen at the University of Toronto knocked down one professor, seriously gashing his head, and assaulted several other men and women. Police resorted to gunfire at the University of Western Ontario in order to quell first year students serenading a women's residence. Out west, University of British Columbia frosh have been chained to lamp posts and dunked in water tanks.

and relax in a sunny atmosphere.
WELLESLEY—Don't all rush, but there will definitely be a mixer at Tower Court in Claffin Hall from 8 to 12. "Survival of the fittest" and all that sort of thing. Happy pickings!!
INTERNATIONAL STUDENT ASSOCIATION—This organization maintains an International Student Center at 33 Garden Street, Cambridge, where foreign students meet and get acquainted. Drop in tonight and practice your dancing technique. 50c for members; 90c for others.

Friday, October 15
BRANDEIS UNIVERSITY—Hamilton "A" Dormitory will hold a "Kickoff Party" at 8:30. The "line-up" will include food and music. Rah! Rah! No touchdowns allowed!

Saturday, October 16
M.I.T.—The Informal Dance Committee will present the first in a series of dances to be held in Walker Memorial. Refreshments and entertainment are included in the \$1.00 admission charge.

SARGENT COLLEGE—Informal dancing tonight from 8 to 12. All of these girls are majoring in physical education and are reported to be good wrestlers. Admission for the struggle is 60c.

STATE TEACHERS' COLLEGE, ALBANY—In the *State College News* we find this interesting poem:

I love the paper;
I think it's swell.
The day it comes out
I run pell mell
To get my copy
And read each line.
The stories and columns
I think are fine:
I laugh at the jokes,
I read all the ads,
I note all the news,
I take in all the fads.
When I praise the paper
I scorn those who laugh.
I'm really loyal.
(I'm on the staff.)

A CAMPUS-TO-CAREER CASE HISTORY

"All the answers aren't in the book"

W. D. Garland, E.E. '52, Univ. of California, is working for the Pacific Telephone Company. We thought you'd be interested in what Don told us about his first assignment.

(Reading time: 45 seconds)



Here Don Garland makes noise distribution measurements with a Level Distribution Recorder

"My job is to help solve problems of noise and other interference on telephone lines due to power interference. Inductive co-ordination is the technical term for the work.

"First thing the Chief Engineer explained to me was that 'all the answers aren't in the book.' He was right. Most of the problems have required a combination of electrical engineering, a knowledge of costs and generous amount of ingenuity. I like it that way. It's given me an immediate opportunity to put into practice the theory I learned at school.

"In addition to this on-the-job experience, I have attended several special training courses conducted by the company. Now I'm breaking in a new man, just like when I started."

Don Garland's work is typical of many engineering assignments in the Bell Telephone Companies. There are similar opportunities for college graduates with Bell Telephone Laboratories, Western Electric and Sandia Corporation. If you'd like to get more details, see your Placement Officer. He will be glad to help you.



BELL TELEPHONE SYSTEM

FSSP

(Continued from page 1)

penses of participants, thus relieving them of all financial burden. Already, since the FSSP was formed, over six hundred fifty people from all parts of the world and in all branches of science and engineering have benefitted from its work.

Unfortunately, possibly because of its name, it is a widely held misconception that only foreign students are invited to join FSSP. This is definitely not the case, for the many problems of organization and administration require the efforts of as many people as possible.

Besides the fund-raising and planning that must be done during the Fall and Spring terms, the Summer Committee of FSSP must see to the supervision of the program during the time that the participants spend here. For, besides choosing candidates and arranging for them to study here, FSSP each year plans trips for its guests to plants throughout the country, both individually and in groups.

In order to facilitate its aim to acquaint its summer fellows with American culture, FSSP too arranges for families in the New England area to invite FSSP'ers to their homes, and group journeys to such things as the Tanglewood Music Festival in the Berkshires.

Music Clubs

(Continued from page 1)

dents to the meeting.

He pointed out that the group will need many people with talents other than acting. The business of putting on plays requires able managers, a stage crew, a costume staff, carpenters, electricians and many others. Therefore, people with interests in these areas are urged to attend. Anyone who is interested and who cannot show up Thursday should see Professor Evringham in his office, 14N429, or call him on extension 457.

Professor Evringham, who teaches English, Books and Men, and Drama here, will act as Director of Dramatics. For the past three years he has been at Harvard, where he was in charge of house dramas at Kirkland House and was resident tutor there. He has also studied abroad and was active in European theater circles.

The Drama Shop will stage its productions in the Little Theater of the new auditorium, which it will share with the Staff Players. The highlight of this season will be a dedication performance, although all plans hinge on the completion of the auditorium.

ECHOES FROM THE PAST

There lies a very interesting editorial in *The Tech* of September 27, 1910. By way of explanation, that which the editor of 1910-11 believed could be a *fait accompli* in a very short time has taken over forty years to achieve. We reprint the editorial, as it appeared in Volume XXX, No. 1:

"With the advent of new freshmen, that old idea, time-honored, if nothing else, comes around that it is up to the sophomores to make as big a ripple as they can in the equanimity of the initial meeting or dinner of the freshmen; and the freshmen in turn must try to make themselves disagreeable to sophomores. But such attempts are always marked by such a lack of completeness, general enthusiasm, or approval that their discontinuance is evidently a matter of but a few years.

"Why tolerate them any longer? If the Institute was in a little village where such attempts might prove effective, another line of attack might have to be followed to show how childish these antics are. But we are in a big city and all these attempts have results that do not at all improve us in the estimation of those upon whom we depend for our very existence.

"Everyone will say that such outbursts are good as reliefs from our far-famed arduous toil, but is this necessary? How many have ever felt any great relief after a ducking in the frog pond, a bouncing down Rogers' steps, a cut from a barbed wire fence, or any other of those pleasant reminders that sometimes last weeks after the event in the shape of colds or worse.

"There is an event which serves ad-

AMOEBAS?

There will be a meeting at 5:00 p.m. of all members of the Institute family who are frustrated by the Official Dormitory Puzzle, in room 1-101. Bring your own biology texts.

Yearbook Options May Be Obtained By Seniors Now

Technique, the Institute yearbook, advises that all Seniors secure appointments for their yearbook pictures by next Tuesday. Originally, the period for obtaining these appointments was to end today, but due to a slow response the time has been extended. These appointments may be made at the *Technique* booth in the lobby of Building 10.

The fee for taking the photo and including it in the yearbook will be \$3.00, payable when the picture is taken. This amount will be credited toward all purchases of photos exceeding \$9.50.

An option sale will also be held at this time. If an option is bought it will give the purchaser a \$1.00 discount on the price of the book.

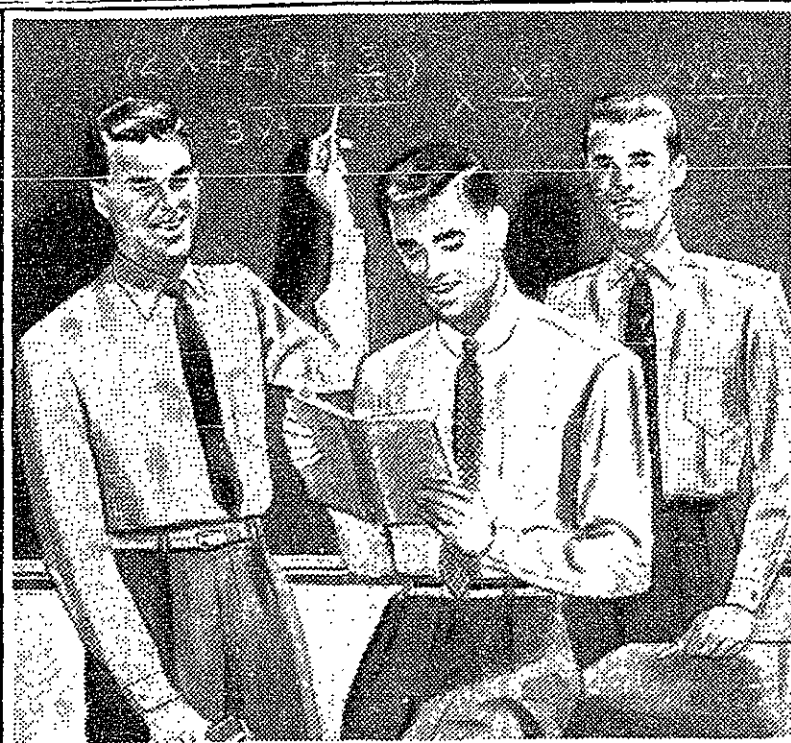
mirably as an outlet for these animal spirits, and that is the Field Day. Here is given an opportunity for both sides to be given an equal chance, on the bleachers as well as on the field, and it has none of the evil effects upon the reputation of the Institute.

"If the two lower classes start this movement to abolish this "rough-house" they will not be characterized as lacking spirit, but they will show that they have been able to rise above those insipid, one-sided, childish pranks that are far from the real Tech spirit."

ETONS FOUR CONVENIENT ARROW LOCATIONS

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Colonial Theatre Bldg.
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Shown above are Sussex button-down in a neat tattersol check, and a smooth Radnor "E" in solid colors. Both \$5.00. The looking Arrow Sussex in a well-bred stripe, \$4.50. Ph a comfortable, "correct" - thrifty too.

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(Mention that you are from M.I.T.)
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TECHNOLOGY STORE

I STARTED
SMOKING CAMELS
14 YEARS AGO.
YOU CAN'T BEAT
'EM FOR FLAVOR
—AND BELIEVE
ME, CAMELS ARE
REALLY MILD!"

Wm. H. Brockman,
REAR ADMIRAL, U.S.N. (Ret.)
Commander of the first Nautilus,
submarine which sank Japanese carrier
at Battle of Midway; awarded
three Navy Crosses; today, a Balti-
more chemical company executive.

SUCCESS STORY...

AND HOW IT STARTED...

ADMIRAL BROCKMAN says: "I prepped
at Baltimore Polytech, found I liked
math and electrical engineering —
required subjects for a Navy career.
But it was getting licked in lacrosse
by the Navy plebes that got me
interested in Annapolis. My break on
an appointment came when two
ahead of me failed
on exams. I worked
hard to graduate,
got into sub class,
did some teaching,
eventually earned my
own sub command."

R. J. Reynolds Tobacco Company, Winston-Salem, N. C.

Start smoking Camels
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Make the 30-Day
Camel Mildness Test. Smoke only
Camels for 30 days — see for yourself
why Camels' cool mildness and rich
flavor agree with more people than
any other cigarette!



For Mildness
for Flavor

SUCCESS STORY
Camels — America's most popular cigarette... by far!

CAMELS

AGREE WITH MORE PEOPLE THAN ANY OTHER CIGARETTE!

the bush leaguer

Football Into Second Week Theta Chi First In Top Ten

With the first weekend of intramural football under our belt we can look forward to a weekend of excellent, highly competitive games as winners face winners, and the weaker teams meet others of their own caliber. Since we now know something of the capabilities of most of the squads we shall try to tell you what you might expect to see this weekend.

Phi Gams Favored

On Saturday at 1:30 p.m., Phi Gam plays DU, Student House meets Burton House and Delta Psi faces Phi Sigma Kappa. The first of these games, the Phi Gam-DU battle is pretty easy to forecast . . . it should be Phi Gam. Despite their loss to Kappa Sig last week, the Fijis are still considered a definite threat to cop all the honors. The DU's made it close with the TEP club but they just don't have enough here. It should be an enraged Phi Gam team by twenty-four points. In the other two 1:30 games we pick a pretty good Phi Sigma Kappa eight to roll over Delta Psi by twelve and a very weak Student House to beat Burton for the simple reason that Burton probably won't show up.

At three-fifteen on the same day, three other games will be played two of which deserve special attention. The two are the Phi Kappa Sigma-Sigma Chi contest and the Chi Phi-Burton Staff battle. Phi Kappa Sigma got a bye last week but is reputed to have a strong team. Sigma Chi won a tough struggle with Sigma Phi Ep and features a good passing offense. We don't think the Phi Kappa Sig boys have enough . . . Sigma Chi by a T.D.

In League Three the word is that Chi Phi has a powerhouse. We didn't have a chance to see them in a game last weekend as they drew a bye, but we caught a scrimmage. They look tough, but we like Burton Student Staff's wide open aerial attack and pick them by six points in an upset. The last Saturday game is the Delta Tau Delta-Phi Kappa affair. The Deltas are one of the most impressive squads we've seen so far and may go all the way . . . They're too good for a team that just managed to beat Theta Xi. The Deltas by 12-18 counters.

PiLam Faces Theta Chi

Three important games and two very interesting contests are among the ten games to be played on Sunday. Perhaps the most important of these is the Pi Lambda Phi-Theta Chi battle. Theta Chi seems to us to be the class of the league but they just might run into more than they can handle in the Pi Lam's tricky air attack. Air defense seemed to us to be the Theta Chi's most vulnerable spot. We still have to go along with them in a fight that

might turn out to be a slaughter . . . either way. Theta Chi by a touchdown.

Another important League Four embroglio should be the ATO-East Campus match. ATO has what is probably the strongest line around and a possible championship team. The Easties, who didn't play last week, should come up with a fine outfit. From our vantage point, we've seen all of their scrimmages, they look like the league's sleeper, with their strong point balance. On the strength of their impressive performance in last week's game we'll have to pick ATO by two.

Beta Favored

The third of these "big" games is the Beta Theta Pi-Phi Delta Theta contest. This one ought to decide who the league three titleholder will eventually be. Beta looked good against Phi Kappa Sigma last week and should manage to scramble over the 1 Delt's. This one will be a squeaker, however, and we hesitate to name a score.

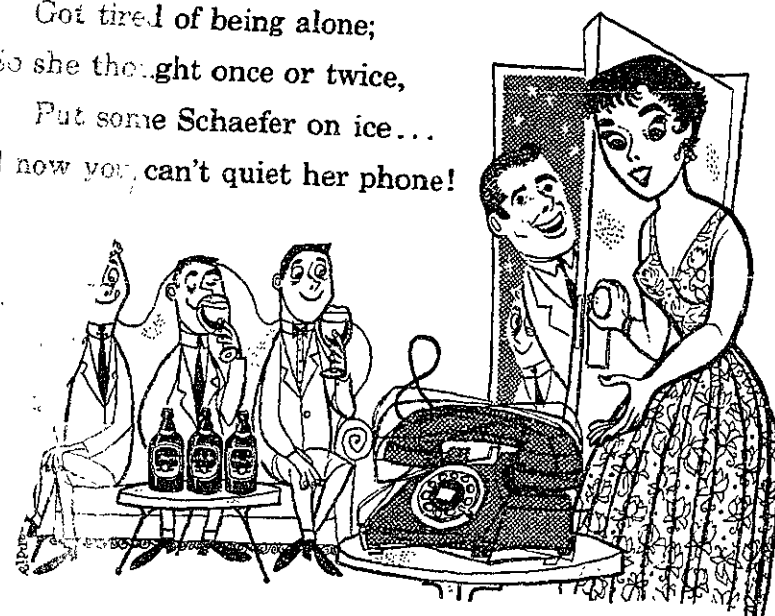
Two other games . . . it as being battles that should be accorded more than average interest. They are Grad House-SAE and the Kappa TEP club contests. Grad House to Pi Lambda in triple overtime week and are . . . and rough. still bear watch . . . SAE has a tially fine sq . . . can't get find itself. Either . . . the teams . . . yet wind up in the league finals. We don't think SAE has it yet and pick the Grads in what should be classified as an upset. One touchdown should be the difference, but an extra point or two will probably turn the trick.

TEP May Surprise

As everyone knows by now, Kappa Sig topped the highly-touted Phi Gams last week and established themselves as close to the school's best squad. TEP just eked out a victory over DU. It looks, on the surface, like a romp for Kappa Sig, but we were somewhat impressed by the TEP boys and think that it may not be as simple as that. Both teams are big and both have potential. We think the TEP's will put up a good fight . . . but not quite good enough. Kappa Sig by two T.D.'s as the TEP's blow up at the

(Continued on page 5)

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THURS., OCT. 14, 1954

REFRESHMENTS

Sailors, Harriers, Booters Open Sport Season

Engineer Sailors Upset By Brown For Wood Trophy

An inspired Brown University sailing team upset the highly favored Engineer fleet to take the twenty-second annual pentagonal Jack Wood Trophy regatta held at Tufts last Saturday. Coast Guard Academy and Harvard followed with Dartmouth a poor last.

third in a six team regatta. Brown was first.

Compete In Quad

Next weekend the varsity travels to New London for the Coast Guard Quadrangular and a Raven regatta against several other colleges. The freshman team will be sailing at Tufts in the New England Freshman Team Championship Eliminations. The finals of this regatta will be held later this fall on the Charles.

Arnesen To Head New Gym Classes

Soccer Opening; Varsity Powerful, Frosh Uncertain

This weekend sees the opening of Tech's soccer season. The Beaver frosh open against perennially strong Medford High, Friday, and Saturday the varsity starts what may be an excellent fall season against not-so-strong B.U. Both Engineer squads have good potential and these openers will give the clue on their probable performance for the remainder of the season.

The freshmen will be seeking retribution for last year's 5-1 defeat in their '53 premier. On the strength of their overall record Medford will be tough to beat. They will also have the advantage of practicing for close to two more weeks. Arnie Arnesen, however, has some good boys and despite the facts that workouts have been devoted mainly to conditioning and that the team members have not had much chance to work together, a close game is predicted. A gleam of hope is found in the line showing the '53 soccer team made against the varsity in the damage to the team.

Although Ben Martin, varsity goalkeeper, remains professionally in soccer, there's no mistaking the fact that his eyes are on the prize of the coming season. His punts and tumbler...

outlook seems to stem from good reasons. The squad is well balanced, fairly experienced, and possesses a determined optimism. B.U. is usually not strong... last year's game saw the Engineers victorious in a hard-fought match. It has been strongly stressed that B.U. is no pushover (other Tech teams can testify to that) and this game should answer many questions about the relative calibre of the Beavers. A decisive win here would peg M.I.T. as a major threat in New England soccer.

The schedule:

VARSITY

OCTOBER			
Sat. 9	Boston Univ.	Home	2:00 p.m.
Tues. 12	Brandeis	Home	4:00 p.m.
Sat. 16	Amherst	Home	2:00 p.m.
Wed. 20	Tufts	Away	4:00 p.m.
Sat. 23	Brown	Away	12 noon
Wed. 27	Harvard	Away	3:30 p.m.
Sat. 30	U. of Conn.	Away	12:30 p.m.

NOVEMBER			
Sat. 6	W.P.I.	Away	2:00 p.m.

FRESHMEN

OCTOBER			
Sat. 9	Medford High	Home	10:00 a.m.
Wed. 13	Tufts	Home	10:00 a.m.
Sat. 16	Harvard	Away	10:45 p.m.
Sat. 23	Brown	Away	10:00 a.m.
Sat. 30	U. of Conn.	Away	10:30 a.m.

NOVEMBER			
Sat. 6	Andover Acad.	Home	2:30 p.m.

Beaver Harriers To Begin Season With Tufts Meet

The highly touted Engineer cross-country squads will open their 1954 season tomorrow at Franklin Park, Dorchester. The meets will get under way at about 2:00 o'clock. The varsity, third in New England last year, is expected to be of championship timber. Ray Smith '56 and Dave Palamoun-tain '56, last year's number two and number three men respectively, and Captain Larry Berman '55, should be the pace-setters.

The frosh have looked promising and are expected to turn in a representative showing.

The schedule: (home meets at Franklin Park)

VARSITY

OCTOBER			
Sat. 9	Tufts	Home	
Sat. 16	Univ. of Mass.	Away	
Sat. 23	Univ. of N. H.	Away	
Sat. 30	Tufts-Northeastern	Home	

FRESHMEN			
Sat. 9	NEICAAA	Home	
Sat. 15	ICAAA	Away	

OCTOBER			
Sat. 9	Tufts	Home	
Sat. 16	Univ. of Mass.	Away	
Sat. 23	Univ. of N. H.	Away	
Sat. 30	Northeastern	Home	

NOVEMBER			
Mon. 8	NEICAAA	Home	
Mon. 15	ICAAA	Away	

VEDANTA SOCIETY

Swami Akilananda, religious counselor for the Vedanta Society, has announced his office hours for this year. He will be available from 3:00 to 5:00 p.m. every Friday in Room 14-S314.

HILLEL

On Monday evening, October 11, at 8:00 p.m., the B'nai B'rith Hillel Society will hold an "Oneg Succoth" in the Burton House Lounge in West Campus. The program will consist of a service, and folk dancing and singing. Women have been invited. Refreshments.

Bush Leaguer

(Continued from page 4)

end.

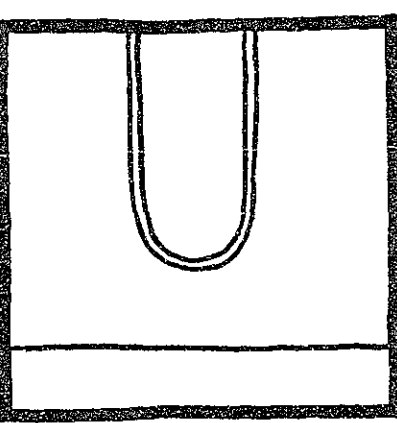
In the remaining five games AEPI should roll all over the 5:15 Club, SAM looks better than Sigma Nu mainly because of Mike Brenner and two fine ends, Baker "A" is much better than their showing last week indicates and much better than Theta Xi, DKE has a little more than Graduate House Student Staff, and we pick Baker "B" over Theta Delta Chi.

The AEPI game catches our eye because it is the first outing for what looks like a powerhouse squad. The AEPI's won last week by a forfeit and didn't have a chance to show off, but they should find a weak 5:15 squad an excellent background upon which to display their talents. SAM seems to us to be the class of a very weak league and for no other reason but that should give the players a boost.

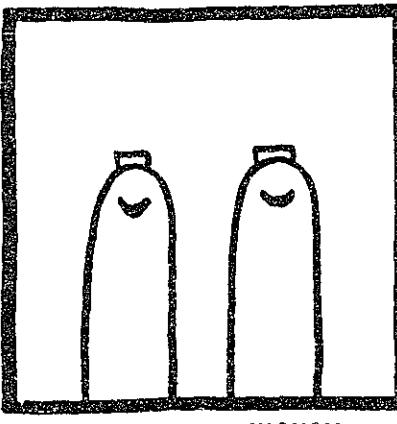
Baker "A" is a heavy hitter, good speed that amounted to be a big factor against Delta Tau Delta.

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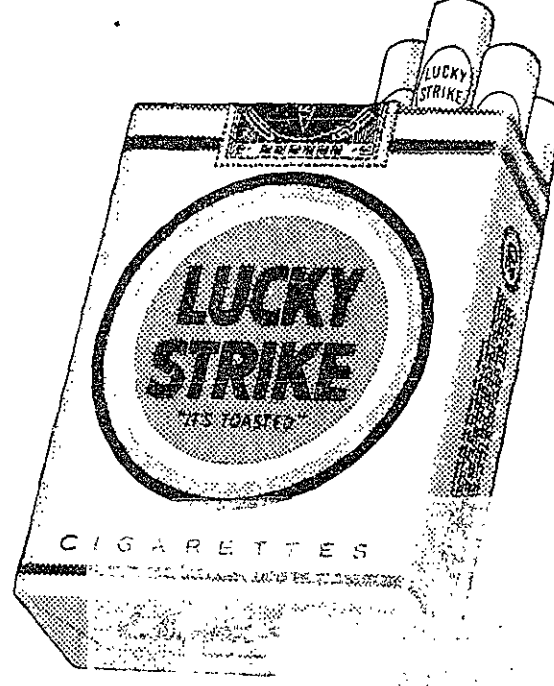
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Gov. Grantham Tells Importance Of Hong Kong

The following is a summary of the address on "Hong Kong—Its Importance to the Free World," delivered by Sir Alexander Grantham, Governor of Hong Kong, at the Institute on Thursday evening, October 7.

The Far East is today a place of great concern and importance. One should know something about a key spot in the Far East. One of these spots is Hong Kong. Hong Kong is a British Colony, and though it adjoins China and has a common frontier with China it is not part of China. Hong Kong today has a population of 2½ millions. 99% are Chinese. When the British first acquired it in 1842 the population was only 1,500. Its growth and prosperity are a remarkable British achievement.

Hong Kong's prosperity is based in the main on its entrepot trade. On account of its geographical situation China is naturally Hong Kong's main trading partner. Being an entrepot Hong Kong is inherently free trading. Controls are kept to the minimum, but labor laws are rigidly enforced. Before the Communists became the rulers of China, Chinese were allowed to come into Hong Kong freely. The inflow and outflow was to be about 10,000 a day each way.

Although Hong Kong is a colony, it differs from other colonies in that there was practically no population at the time the British took it over. The 2½ millions who are there today were not compelled to come in. It would be a relief to the colony if a million would return to China, but they will not because they prefer free Hong Kong to Red China.

Freedom is the keynote of Hong Kong. The people of Hong Kong are satisfied with the form of government and do not want it changed.

The colony suffered grievously during the Japanese occupation but made a remarkable recovery after the war. Housing was the main problem. The position here was made worse by the population increasing from one-half million in 1945 to two million in 1949. When the Communists overran China in 1949 a further one-half million refugees poured into Hong Kong. There were then 650,000 people who had to be rehoused. To prevent the colony being completely flooded out the frontier was closed and restrictions were

Edna

(Continued from page 1)

minutes later the outer band of rain triggered by the hurricane was detected approaching the Cape Cod area. This band of precipitation, a heavy curtain of rain 30,000 feet high, arrived and was photographed over South Truro at 1:02 o'clock Saturday morning, September 11, while the eye of the onrushing storm was still approximately 450 miles to the southwest and about 75 miles due east of Cape Hatteras. Photographs showed that this first band of precipitation was made up of a number of thunderstorm cells and was accompanied by considerable lightning. This initial band was followed by successive violent rain squalls rotating around the eye of the storm in the usual counterclockwise direction. These squalls in-

placed on people coming in from China. The embargo on trade with China imposed by the United Nations and the United States had a serious effect on Hong Kong. Her total trade has declined by one-third and her trade with the U.S.A. to one-quarter of what it was. This has created serious problems.

There is no communist party in Hong Kong. It is impossible to state how many Communists there are in the Colony, but the vast majority of the people are opposed to the Communists. Communist agitators stirred up industrial disputes and tried to indoctrinate some of the schools. This was all for nothing.

The garrison was greatly increased in 1944. Hong Kong is defensible. If Hong Kong were given up there would be extremely serious repercussions in South East Asia.

creased in frequency and in the intensity of rainfall, and by dawn Hurricane Edna had doubled its forward speed and was lashing northeastward at 32 miles per hour.

By early Saturday morning observations showed that the hurricane was wider in area than was originally anticipated, with strong winds extending 125 miles on the seaward side and 50 miles towards the coast. At 10:55 a.m. on Saturday observations indicated that the eye of the storm was 150 miles and 200 degrees southwest from South Truro on a parallel with the Naval Air Station at Lakehurst and McGuire Air Force Base in New Jersey.

Photographs of the storm were then being made at the rate of several per minute. Just before noon on Saturday the eye of the hurricane became more distinct in the radar photographs, and its speed and direction were therefore determined more accurately. It became apparent then that the hurricane would pass over Martha's Vineyard shortly after 2:00 p.m.

As the storm advanced the barometric pressure at the South Truro site, which stood at 30.12 inches on Friday afternoon, continued to fall and at one o'clock on Saturday it registered 28.96 inches. The wind was then blowing

more than 70 m.p.h. from the south-east. By three o'clock, with the barometer still falling, the wind began to decrease, and at 3:37 p.m. it was blowing less than 6 m.p.h. This change heralded the approach of the calm area at the eye of the storm. At 3:44 the anemometers failed to register any wind velocity and the barometer reached its low of the storm, 28.28 inches. The eye of the storm was then directly over South Truro, the sky was clear blue and the sun was shining over an open stretch some 30 miles long. The time was 3:50 p.m.; from then on, as the eye moved over Cape Cod and out to sea, the clouds quickly closed in again and the wind velocity increased rapidly, with gusts of more than 100 m.p.h., from the West. The temperature near sea level in the middle of the eye at Truro was 65 degrees Fahrenheit.

As the eye of the storm approached and passed over South Truro the radar cameras saw and photographed the hurricane in three dimensions; the range, azimuth, and height of the precipitation bands. During this period at the various stations approximately 8000 photographs were made, many of which required individual manual exposure. This great collection of photographs includes invaluable information for further studies of the development, structure, velocity and rotation of individual precipitation bands, and the grouping of individual bands during the life of a tropical hurricane.

Institute meteorologists are contemplating a symposium to correlate data from all sources throughout the eastern sector of the United States. The studies could result in development of techniques for determining wind velocities and predicting courses of hurricanes by use of radar, they believe.

A. A. S. SMOKER
The Lt. Zeamer Squadron of the Arnold Air Society will hold a smoker for all interested Freshmen and Sophomores in the Faculty Lounge of Walker on Monday, Oct. 11, 1700 to 1830. There will be refreshments.

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